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14 May 1963

MEMORANDUM FOR: Assistant for Plans and Development

THROUGH : Executive Secretary, TDC

SUBJECT : Staff Study - Procurement of On-Line Readout Equipment

1. PROBLEM:

To procure on-line readout equipment for the Film Reader and Chip Comparator.

2. FACTS:

Procurement action has recently been taken to develop a new Variable Width Film Reader and a Stereo Chip Comparator. Both of these units were contracted for without readout devices to take advantage of developing a standardized counter for on-line operation and minimize maintenance problems.

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25X1A

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3. DISCUSSION:

Specifications were written for the on-line readout counter and proposals were solicited from the [REDACTED]

[REDACTED] all producers of digital accumulator equipment. Of these companies, [REDACTED] did not reply. The [REDACTED] replied with a technical proposal but without a cost estimate. [REDACTED] replied with both a proposal and pricing. In soliciting the proposals all three companies were visited and their facilities examined.

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4. CONCLUSIONS:

On evaluation of the proposals and plant inspections, the [REDACTED] was considered to have the best capability to produce the on-line readout equipment. The units would be identical for both the Chip Comparator and the Film Reader except for the input stages of the counter. Required for the Chip Comparator is a Model 2825A Control Panel at [REDACTED] two Model 2826A Counters at [REDACTED] each and a Model 2827A Synchronizer at [REDACTED]. The Reader requires a Model 2825A Control Panel at [REDACTED] two Model 2826B Counters at [REDACTED] each and a Model 2827A Synchronizer at [REDACTED].

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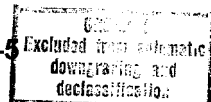
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5. RECOMMENDATIONS:

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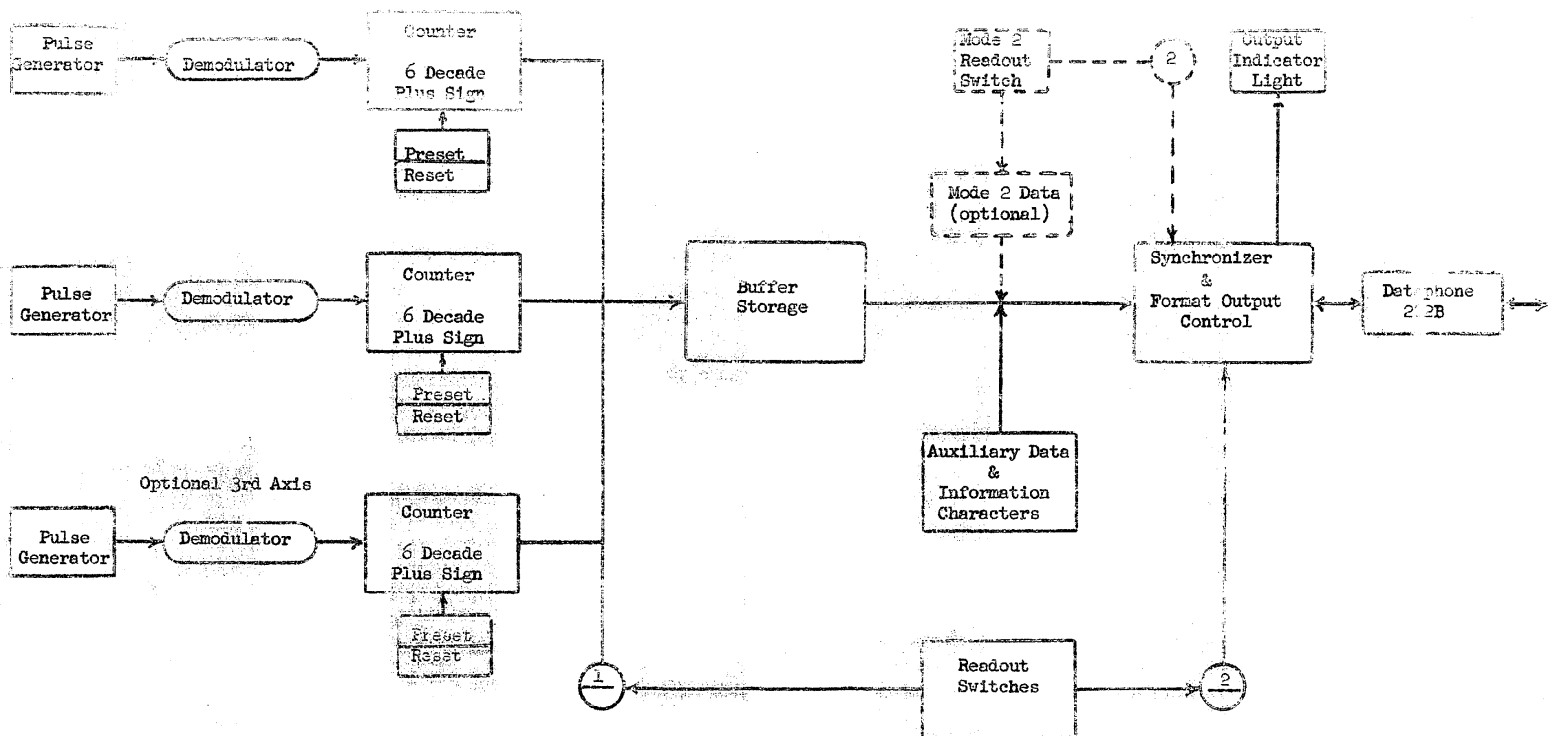
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It is recommended that a contract be negotiated with [REDACTED] for the components as outlined above, totaling [REDACTED] to provide the readout for the Chip Comparator and Film Reader. It is also recommended that this contract be negotiated on a [REDACTED] basis.

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- 1 Controls transfer of data from counter to buffer
- 2 Energizes output indicated light, request to send signal, etc.